1 2 3 4 5 6 7 UNITED STATES DISTRICT COURT 8 WESTERN DISTRICT OF WASHINGTON 9 THE THOMPSONS FILM, LLC, Case No.: 10 Plaintiff, 11 **COMPLAINT** 12 v. COPYRIGHT INFRINGEMENT; EXHIBIT 1 DOES 1 - 194, 13 JURY DEMAND Defendants. 14 15 Plaintiff The Thompsons Film, LLC, a limited liability company ("Thompsons" / 16 "Plaintiff"), complains and alleges as follows: 17 **INTRODUCTION** 18 Plaintiff comprises a venture of independent film producers who have worked on notable 1. 19 films featured at events such as the Sundance Film Festival. 20 In 2011, Plaintiff produced the original feature length film, The Thompsons, as a sequel to 21 the 2006 multi-award winning independent film The Hamiltons. 22 Shortly after the release of The Thompsons, the film began to be illegally copied and 3. 23 distributed through various means, costing Plaintiff sales and distributions. 24 Illegal file sharing or pirating is particularly harmful to smaller and independent film 4. 25 26 The VanderMay Law Firm 2085 Commercial Street NE 27 Salem, Oregon 97301 (503) 588-8053 28 COMPLAINT - Page 1

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producers such as Plaintiff in that they often lack the marketing and distribution strength of major studios. With a small or independent producer any loss in market due to illegal activity has a significant impact.

- 5. In the production of a motion picture there are countless expenses and labors, many of which are not evident in the final project. Such expenses and labors include writers, staff persons, construction workers and others who are often union based employees working for a median salary.
- 6. Indeed, the final product produced, which may be less than two hours long, is often sourced from hundreds of days and tens of thousands of hours of labor, followed by near countless hours of post-production until the final product is ready for viewing in a theater or at home.
- 7. The end product that many consumers see is a few hours in a theater, or possibly a DVD product that once production is complete has a nominal cost on a per-viewing experience. However, this is misleading to the true costs of the motion picture as the costs to view a completed motion picture or produce a single DVD are nominal compared to what is often years of work by hundreds of people leading up to the end product.
- 8. Added to this is that the only people publicly seen related to the end product, movie stars and those that are known to be affiliated with motion pictures, such as directors and other persons of note, are all generally the highest compensated persons involved with the production of the work leading to the common misunderstanding that people involved in motion pictures are already wealthy.
- 9. When the perception that those affiliated with a motion picture are already wealthy, and the end product, such as a DVD only costs very little to make, a reality disconnect often builds in the minds of much of the public, namely that those associated with a motion picture do not need any more money.

- 10. When this reality disconnect meets with the ready availability of pirated copies of motion pictures and the ease at which they can be illegally copied and downloaded at an almost anonymous level, many people feel justified in their pirating or theft of motion pictures.
- 11. The result is that despite the industry's efforts to capitalize on internet technology and reduce costs to end viewers through legitimate and legal means of online viewing such as through NetflixTM, HuluTM, and Amazon PrimeTM, there are still those that use this technology to steal motion pictures and undermine the efforts of creators through their illegal copying and distribution of motion pictures.
- 12. A common means of illegally copying and distributing content on the internet is through the use of a peer-to-peer network such as BitTorrent.
- 13. In this case each of the Defendants has participated in illegally copying and distributing Plaintiff's motion picture via BitTorrent.

JURISDICTION AND VENUE

- 14. This is a suit for copyright infringement and contributory copyright infringement under the United States Copyright Act of 1976, as amended, 17 U.S.C. §§ 101 et seq. ("The Copyright Act").
- 15. This Court has subject matter jurisdiction pursuant to 28 U.S.C. §§ 1331 and 1338(a).
- Wenue in this district is proper pursuant to 28 U.S.C. § 1391(b) and 28 U.S.C. § 1400(a).
- 19 17. More particularly, venue is proper in this district as though the true identity of the
- 20 Defendants are unknown at this time, Plaintiff has used geolocation technology to determine that,
- 21 upon information and belief, each Defendant conducted acts of copying Plaintiff's work in this
- 22 state, and more specifically in this district.

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PARTIES 1 THE PLAINTIFF 2 Plaintiff The Thompsons Film, LLC is a limited liability company with principal offices 3 18. in Los Angeles, California, that produced the motion picture at issue in this matter. 4 5 The Rights of the Plaintiff The motion picture in this case, titled The Thompsons, has been registered with the 6 19. United States Copyright Office by the author, The Thompsons Film, LLC, Registration No. PAu 7 3-651-594. 8 The motion picture contains wholly original material that is copyrightable subject matter 20. 9 under the laws of the United States. 10 The motion picture is currently offered for sale in commerce. 11 21. Under the Copyright Act, The Thompsons Film, LLC is the proprietor of all right, title, 12 22. and interest in the motion picture, including the right to sue for past infringement. 13 Under the Copyright Act, The Thompsons Film, LLC also controls the exclusive rights to 14 23. reproduce the motion picture and to distribute the motion picture to the public. 15 Plaintiff's motion picture is easily discernible as a professional work as it was created 24. 16 using professional performers, directors, cinematographers, lighting technicians, set designers 17 and editors and with professional-grade cameras, lighting and editing equipment. 18 Defendants have notice of Plaintiff's rights through general publication and advertising 19 25. and more specifically as identified in the content of the motion picture, advertising associated 20 with the motion picture, and all packaging and copies, each of which bore a proper copyright 21 22 notice. 23 //// 24 1111 25 //// 26 The VanderMay Law Firm 2085 Commercial Street NE 27 Salem, Oregon 97301 (503) 588-8053 28 COMPLAINT - Page 4

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THE DEFENDANTS

In General

- 26. Defendants are a group of BitTorrent users or peers whose computers are collectively interconnected and used for illegally copying and distributing Plaintiff's motion picture.
- 27. Defendants and each of them have illegally and without authorization from Plaintiff copied, downloaded, shared and uploaded Plaintiff's motion picture using the BitTorrent system.
- 28. Defendants and each of them have been identified as infringing Plaintiff's copyrights in this district.

Further Identification of The Defendants

- 29. Defendants have been identified as Does in the instant case and are indicated in the attached Exhibit 1 by a specific Internet Protocol or IP address and a "hash" (a file identifier generated by an algorithm developed and implemented by the National Security Agency).
- 30. Under the BitTorrent protocol each file has a unique "hash" tied to a specific file. In the instant case, all hashes identified on Exhibit 1 have been confirmed as being for an unauthorized copy of Plaintiff's motion picture.
- 31. Despite Plaintiff's use of the best available investigative techniques, it is impossible for Plaintiff to identify Defendants by name at this time. Thus, the true names and capacities, whether individual, corporate, associate or otherwise of Defendants are unknown to Plaintiff, who therefore must sue the Defendants as Does 1 195.
- 32. Each Defendant can be specifically and uniquely identified by Plaintiff through the Internet Protocol or IP address assigned to that Defendant by his or her Internet Service Provider or ISP on the date and at the time at which the infringing activity was observed. In addition, Plaintiff has, to a reasonable degree of scientific certainty, learned the ISP for each Defendant, the torrent file copied and distributed by each Defendant, the BitTorrent client application utilized by each Defendant, and the location of each Defendant, at least down to the state level, if

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FACTS COMMON TO ALL CLAIMS

IP Addresses

- 40. To connect to the internet, each Defendant was required to contract with an Internet Service Provider, or ISP, and create an account for service. It is the ISP that grants each user access to the internet and the ability to send and receive information, whether in the form of an email, photo or motion picture.
- 41. To identify the source and destination of any piece of information, an ISP assigns an Internet Protocol or IP address to each user which allows data to flow to and from each user of the internet.
- 42. Each IP address is unique, and for any one time an IP address can be traced back to a specific ISP account holder and user.
- 43. A standard term for any account for service from an ISP is that such service may not be used for illegal activity.
- 44. Internet piracy and the use of the internet to conduct illegal activity are commonly known. As such both through the license granted to a user from their ISP to obtain an IP address and through common knowledge, Defendants were on notice of the need to limit the use of their IP address to legal and authorized activity.

BitTorrent

- 45. Defendants, and each of them, utilized an interactive peer-to-peer file transfer technology protocol to copy Plaintiff's motion picture.
- 46. Peer-to-peer networks, at least in their most common form, are computer systems that enable internet users to: 1) make files (including motion pictures) stored on each user's computer available for copying by other users or peers; 2) search for files stored on other users' computers; and 3) transfer exact copies of files from one computer to another via the internet.
- 47. The particular peer-to-peer protocol at issue in this suit is the BitTorrent protocol.

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- Defendants and each of them used BitTorrent in a collective and often interdependent 48. manner via the internet in the unlawful reproduction and distribution of Plaintiff's copyrighted motion picture.
- To use BitTorrent, a user intentionally downloads a small program that they install on 49. their computers — the BitTorrent "client" application. The BitTorrent client is the user's interface during the downloading/uploading process.
- A BitTorrent client application typically lacks the ability to search for media or content 50. files. To find media or content available for download (as made available by other BitTorrent users), users intentionally visit a "torrent site" using a standard web browser.
- A torrent site is a website that contains an index of media or content being made 51. available by other users (generally an extensive listing of movies and television programs, among other copyrighted content). The torrent site hosts and distributes small files known as "torrent files." Torrent files do not contain actual media or content. Torrent files are used to instruct a user's computer where to go and how to get the desired media or content. Torrent files interact with specific trackers, allowing the user to download the desired media or content.
- The torrent file contains a unique hash identifier which is a unique identifier generated 52. by a mathematical algorithm developed by the National Security Agency. This torrent file is tagged with the file's unique "hash," which acts as a "roadmap" to the IP addresses of other users who are sharing the media or content identified by the unique hash, as well as specifics about the media or content file.
- A BitTorrent tracker manages the distribution of files, connecting uploaders (those who 53. are distributing content) with downloaders (those who are copying the content). A tracker directs a BitTorrent user's computer to other users who have a particular file, and then facilitates the download process from those users. When a BitTorrent user seeks to download a motion picture or other content, he or she merely clicks on the appropriate torrent file on a torrent site, and the

torrent file instructs the client software how to connect to a tracker that will identify where the file is available and begin downloading it. In addition to a tracker, a user can manage file distribution through a Peer Exchange and/or a Distributed Hash Table.

- 54. A Peer Exchange is a communications protocol built into almost every BitTorrent protocol which allows users to share files more quickly and efficiently. Peer Exchange is responsible for helping users find more users that share the same media or content.
- 55. A Distributed Hash Table is a sort of world-wide telephone book, which uses each file's "hash" to locate sources for the requested media or content. Thus, users are able to access a partial list of other users with the media or content they want rather than being filtered through a central computer called a tracker. By allowing users to rely on individual computers for information, this not only reduces the load on the central tracker, but also means that every client that is sharing this media or content is also helping to hold this worldwide network together.
- 56. Files downloaded in this method are downloaded in hundreds of individual pieces. Each piece that is downloaded is immediately thereafter made available for distribution to other users seeking the same file. The effect of this technology makes every downloader also an uploader of the content. This means that every user who has a copy of the infringing media or content on a torrent network is also a source for others to download that media or content.
- 57. Thus, each IP address identified by the tracker is an uploading user who is running a BitTorrent client on his or her computer and who is offering the media or content for download. Once selected, the downloading user's BitTorrent client then begins downloading the media or content by communicating with the BitTorrent client programs running on one or more uploading users' computers.
- 58. The effect of this distributed network of users all downloading and uploading the same file creates what is commonly known as a "swarm" wherein users operate collectively to copy and distribute media and content.

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- Members of the swarm become interconnected to download files, wherein the download 59. creates an exact digital copy on the downloaders' computers. As additional infringers request the same file, each additional infringer joins the collective swarm, and each new infringer receives pieces of the file from each other infringer in the swarm who has already downloaded any part of the file.
- This distributed nature of BitTorrent leads to a rapid viral sharing of media and content 60. throughout the collective peer users. As more peers join the collective swarm, the frequency and speed of successful downloads also increases.
- Thus, a Defendant's distribution of even a single unlawful copy of the motion picture can 61. result in the nearly instantaneous worldwide distribution of that single copy to an unlimited number of people. In this case, each Defendant's copyright infringement built upon the prior infringements, in a continuing cascade of infringement going forward.
- Further, though it is clearly established that numerous Defendants participated in the 62. exact same swarm, likely directly linking to each other, the nature of the BitTorrent system is such that the exact same data may be in multiple swarms at the same time. As such, while a single swarm more directly links Defendants, the same data, Plaintiff's motion picture, is being transferred in each swarm identified, making every identified Defendant a participant in, if not the same transaction or occurrence, the same series of transactions or occurrences - the BitTorrent exchange of Plaintiff's motion picture.

Conduct of Defendants

- Plaintiff has recorded each Defendant identified herein as actually copying and publishing 63. Plaintiff's motion picture via BitTorrent, as Plaintiff's investigator has downloaded the motion picture from each Defendant identified herein.
- Defendants' conduct was illegal and in violation of their license and terms of access to 64. the internet through their ISP.

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- 65. This case involves one or more swarms in which numerous Defendants engaged in mass copyright infringement of Plaintiff's motion picture.
- 66. Each Defendant illegally uploaded and shared Plaintiff's motion picture within a swarm.
- 67. Upon information and belief, each Defendant was a willing and knowing participant in the swarm at issue and engaged in such participation for the purpose of infringing Plaintiff's copyright.
 - 68. By participating in a swarm, each Defendant participated in the exact same or nearly identical transaction, occurrence, or series of transactions or occurrences as the other Defendants.
 - 69. Upon information and belief, many Defendants also acted in concert with others, including other Defendants by participating in a Peer Exchange.
- 70. Upon information and belief, many Defendants also acted in concert with other Defendants and swarm members and by linking together globally through use of a Distributed Hash Table.
 - 71. Each defendant's conduct is effectively a collective enterprise constituting substantially similar or identical facts.

Exemplar Defendant

- 72. For example, user Doe No. 4 of 195, known at this time only by the IP address of 50.46.165.180, and believed to reside in Everett, initiated his or her infringing conduct by first intentionally logging into the one of many BitTorrent client repositories known for their large index of copyrighted movies, television shows, software and adult videos. Doe No. 4 then intentionally obtained a torrent file identified by a "hash" or, SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E, in this specific instance which is for Plaintiff's motion picture from the index and intentionally loaded that torrent file into a computer program designed to read such files.
- 73. With the torrent file intentionally loaded by Doe No. 4, his or her BitTorrent program

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used the BitTorrent protocol to initiate connections with hundreds of other users possessing and uploading or sharing copies of the digital media described in SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E, namely, Plaintiff's motion picture, including with, upon information and belief, other identified Doe Defendants. As the motion picture was copied to Doe No. 4's computer piece by piece, these downloaded pieces of Plaintiff's motion picture were then immediately available to all other Defendants for those Defendants' uses from Doe No. 4's computer. Each of Does 1 - 195 performed the same acts as those described for Doe No. 4, above. 74. Each of these Defendants also immediately became an uploader, meaning that each downloaded piece was immediately available to other users seeking to obtain the file without degradation in sound or picture quality. It is in this way that each Defendant copied and distributed the motion picture at the same time. Thus, each participant in the BitTorrent swarm was an uploader or distributor and also a downloader or copier of Plaintiff's motion picture. FIRST CLAIM FOR RELIEF **COPYRIGHT INFRINGEMENT** Plaintiff repeats and realleges each of the allegations above. 75. 76.

- 76. Exhibit 1 identifies the Doe Defendants known to Plaintiff who have, without the permission or consent of Plaintiff, distributed Plaintiff's motion picture through a public website and any one of various public BitTorrent trackers, Peer Exchanges, and/or Distributed Hash Tables.
- Plaintiff alleges that each Defendant, without the permission or consent of Plaintiff, has used, and continues to use, BitTorrent software to download Plaintiff's motion picture, to distribute the motion picture to the public, including hundreds of other BitTorrent users, and/or to make the motion picture available for distribution to others.
- 78. Defendants' actions constitute infringement of Plaintiff's exclusive rights under The

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1	Copyright Act.
2	79. Defendants' conduct has been willful, intentional, in disregard of and indifferent to
3	Plaintiff's rights.
4	80. As a direct and proximate result of Defendants' conduct, Plaintiff's exclusive rights under
5	17 U.S.C. § 106 have been violated.
6	81. Plaintiff is entitled to damages pursuant to 17 U.S.C. § 504 and attorney fees and costs
7	pursuant to 17 U.S.C. § 505.
8	82. The conduct of each Defendant is causing and, unless enjoined and restrained by this
9	Court, will continue to cause Plaintiff great and irreparable injury.
10	83. Pursuant to 17 U.S.C. §§ 502 and 503, Plaintiff is entitled to injunctive relief prohibiting
11	each Defendant from further contributing to the infringement of Plaintiff's copyrights and
12	ordering that each Defendant destroy all copies of Plaintiff's motion picture made in violation of
13	Plaintiff's rights.
14	SECOND CLAIM FOR RELIEF
15	CONTRIBUTORY INFRINGEMENT
16	84. Plaintiff repeats and realleges each of the allegations 1 - 74 above.
17	85. Exhibit 1 identifies the Doe Defendants known to Plaintiff who have, without the
18	permission or consent of Plaintiff, contributed to the infringement of Plaintiff's copyrights by
19	other Defendants and other swarm members.
20	86. By participating in the BitTorrent swarm with other Defendants, each Defendant
21	induced, caused or materially contributed to the infringement of Plaintiff's exclusive rights under
22	the Copyright Act by other Defendants and other swarm members.
23	87. Defendants' conduct has been willful, intentional, in disregard of and indifferent to
24	Plaintiff's rights.
25	88. As a direct and proximate result of Defendants' conduct, Plaintiff's exclusive rights under
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1	98. As a direct and proximate result of Defendants' conduct, Plaintiff's exclusive rights under
2	17 U.S.C. § 106 have been violated.
3	99. Plaintiff is entitled to damages pursuant to 17 U.S.C. § 504 and attorney fees and costs
4	pursuant to 17 U.S.C. § 505.
5	100. The conduct of each Defendant is causing and, unless enjoined and restrained by this
6	Court, will continue to cause Plaintiff great and irreparable injury.
7	101. Pursuant to 17 U.S.C. §§ 502 and 503, Plaintiff is entitled to injunctive relief prohibiting
8	each Defendant from further indirect infringement of Plaintiff's copyrights and ordering that each
9	Defendant destroy all copies of Plaintiff's motion picture made in violation of Plaintiff's rights
.0	and take such further steps as are necessary to prevent further indirect infringement.
1	<u>DAMAGES</u>
2	102. Plaintiff has been damaged and claims damages of \$30,000.00 from each Defendant
3	pursuant to 17 U.S.C. § 504(c)(1).
4	Notice of Further Claims
15	103. While the relief prayed for by Plaintiff is specific and less than may be allowed by law,
16	Plaintiff hereby provides notice of the potential damages available under various laws, such as 17
17	U.S.C. § 504, which include:
18	a. Defendants' profits;
19	b. Plaintiff's full damages;
20	c. Statutory damages of up to \$150,000.00 against each Defendant should there be a
21	finding of willful conduct;
22	d. All costs of this action; and
23	e. Broad equitable relief, including the destruction of all infringing articles and equipmen
24	used in the infringement.
25	104. Plaintiff gives notice it may move to elect the full scope of relief available against each
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Defendant as discovery proceeds.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff prays for judgment against Defendants and each of them as follows:

A. For entry of permanent injunctions enjoining each Defendant from directly. contributorily or indirectly infringing Plaintiff's rights in Plaintiff's motion picture, including without limitation by using the internet to reproduce or copy Plaintiff's motion picture, to distribute Plaintiff's motion picture, or to make Plaintiff's motion picture available for distribution to the public, except pursuant to a lawful license or with the express authority of Plaintiff, and further directing Defendants to destroy all unauthorized copies of Plaintiff's motion picture;

- B. For \$30,000.00 damages pursuant to 17 U.S.C. § 504;
- C. For Plaintiff's reasonable costs and attorney fees pursuant to 17 U.S.C. § 505; and
- D. For such other and further relief as the Court deems proper.

DEMAND FOR JURY TRIAL

Pursuant to Rule 38 of the Federal Rules of Civil Procedure, Plaintiff demands a trial by jury.

DATED: March 28, 2013

Respectfully submitted,

The VanderMay Law Firm

/s/ Maureen C. VanderMay Maureen C. VanderMay, WSBA No. 16742 email: court@vandermaylawfirm.com The VanderMay Law Firm 2085 Commercial Street NE Salem, OR 97301 (503) 588-8053 Of Attorneys for Plaintiff

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Exhibit 1

n Yelm	Fairpoint Comr	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Fairpoint Comn Yelm	02/01/2013 10:57:25 AM	Vuze 4.8.1.3	34 216.227.104.178
າ Bothell	Frontier Comm	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Frontier Comm Bothell	02/03/2013 02:08:43 AM	μTorrent 3.2.1	33 50.46.245.216
	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23	02/03/2013 03:31:25 AM	μTorrent 3.2.3	32 67.183.91.242
Seattle	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23	02/03/2013 07:38:03 PM	BitTorrent 7.7.3	31 24.18.182.88
Kent	Century Link	SHA1: 4C55A9C583CDC447	02/04/2013 01:36:20 AM	BitTorrent 6.1.2	30 174.24.221.193
Olympia	Comcast Cable	02/05/2013 04:42:34 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olympia	02/05/2013 04:42:34 AM	μTorrent 3.2.3	29 24.18.24.160
Longview	Comcast Cable	02/07/2013 07:03:29 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Longview	02/07/2013 07:03:29 AM	μTorrent 3.2.3	28 71.236.150.56
Mount Vernon	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Mount Vernon	02/09/2013 05:14:02 AM	BitComet 1.29	27 67.183.248.248
Sequim	Wave Broadba	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Wave Broadbar Sequim	02/10/2013 05:18:15 PM	Vuze 4.5.0.4	26 24.113.217.56
Seattle	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	02/11/2013 01:17:54 AM	μTorrent 3.2.3	25 76.104.247.113
Anacortes	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Anacortes	02/11/2013 05:02:00 AM	μTorrent 3.2.3	24 98.247.74.183
Woodland	Comcast Busin	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Busine Woodland	02/11/2013 06:17:57 AM	Vuze 4.5.0.4	23 74.95.32.169
Poulsbo	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Poulsbo	02/11/2013 07:35:33 AM	Vuze 4.5.0.4	22 76.28.254.162
າ Washougal	Frontier Comm	02/11/2013 08:08:03 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Frontier Comm Washougal	02/11/2013 08:08:03 AM	μTorrent 3.2.3	21 50.53.127.236
Olympia	Comcast Cable	02/11/2013 09:48:03 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olympia	02/11/2013 09:48:03 PM	μTorrent 3.2.0	20 174.61.240.7
Tacoma	Comcast Cable	02/15/2013 01:58:01 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Tacoma	02/15/2013 01:58:01 AM	μTorrent 3.2.3	19 98.237.132.117
Tacoma	Comcast Cable	02/18/2013 07:40:58 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Tacoma	02/18/2013 07:40:58 AM	μTorrent 3.2.0	18 67.183.230.40
Seattle	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	02/23/2013 06:55:08 AM	μTorrent Mac 1.8.2	17 98.232.114.164
Puyallup	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Puyallup	02/23/2013 09:24:54 PM	μTorrent 1.8.5	16 71.231.237.122
Kent	Century Link	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Century Link	02/24/2013 12:28:58 AM	μTorrent 3.1.3	15 75.172.44.235
Vancouver	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Vancouver	02/24/2013 07:09:58 AM	BitTorrent 7.7.0	14 71.59.193.79
Lakewood	Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Lakewood	02/28/2013 08:26:04 PM	μTorrent 3.2.3	13 50.135.25.175
Bellevue	Comcast Cable	SHA1: 4C55A9C583CDC447	03/01/2013 10:53:28 AM	Vuze 4.8.0.0	12 50.149.110.40
Longview	Comcast Cable		03/01/2013 11:00:06 AM	Vuze 4.8.1.2	11 71.59.189.52
1 Lynnwood	Frontier Comm Lynnwood	- 1	12/03/2012 03:32:29 PM	qBittorrent 3.0.6	10 50.47.31.161
Lynnwood	Comcast Cable Lynnwood	7E76DB1399F4D40F996BFE3E	12/11/2012 10:01:27 PM	BitTorrent 7.7.2	9 98.247.204.154
າ Bothell	Frontier Comm Bothell	SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E	12/15/2012 03:38:59 AM	μTorrent Mac 1.0.0	8 50.46.227.99
Kirkland	Comcast Cable Kirkland	SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E	12/30/2012 09:03:57 AM	μTorrent 3.2.3	7 98.232.4.89
Seattle	Century Link		01/02/2013 01:24:57 PM	μTorrent 3.2.3	6 97.113.24.67
Kent	Comcast Cable Kent		01/03/2013 07:01:56 AM	μTorrent 3.2.3	5 71.231.27.73
າ Everett	Frontier Comm Everett		01/06/2013 08:05:35 AM	μTorrent 3.2.3	4 50.46.165.180
Seattle	Comcast Cable	SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E	01/16/2013 01:40:28 AM	μTorrent 3.2.3	3 24.17.37.75
L Seattle	Seattle Public L	SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E	02/01/2013 06:47:37 PM	μTorrent 3.2.3	2 66.212.64.252
	ncast Cable	SHA1: 303128C04F9E11A17E76DB1399F4D40F996BFE3E	02/23/2013 01:42:48 AM	BitTorrent 7.7.3	1 24.17.34.123
city	ISP	FileHash	HitDateUTC (MM/DD/YY)	P2PClient	No IP Address
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SHA1: 4C55A9C583CDC447	01/16/2013 09:26:46 AM	μTorrent 3.2.3	174.24.216.136	69
	01/17/2013 01:34:01 AM	Vuze 4.8.0.0	199.15.219.51	68
AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	01/17/2013 09:07:39	μTorrent 3.3.0	71.227.136.37	67
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	01/18/2013 02:38:10 AM	Vuze 4.8.1.2	50.135.225.242	66
	01/18/2013 03:59:06 AM	μTorrent 3.2.3	65 67.185.159.125	65
	01/19/2013 07:22:53 AM	Vuze 4.5.0.4	64 63.228.98.210	2
01/19/2013 08:44:01 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Federal Way		μTorrent 3.2.3	67.171.20.31	63
3:53:03 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Lynnwood		μTorrent 3.2.3	71.227.239.33	62
1:47:16 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Lynnwood	01/20/2013 11:47:16 PM	Vuze 4.7.2.0	50.135.179.149	61
	3 01/21/2013 01:54:11 AM	μTorrent 3.2.3	67.183.206.139	60
	01/21/2013 07:46:09 AM	μTorrent 3.2.3	71.197.170.177	59
	01/21/2013 07:07:44 PM	Vuze 4.5.0.4	76.104.167.131	58
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	01/22/2013 05:27:08 PM	Vuze 4.8.0.0	50.135.117.247	57
	3 01/22/2013 09:33:06 PM	μTorrent 3.2.3	76.104.234.13	56
	01/22/2013 11:35:51 PM	Vuze 4.5.0.4	174.61.158.37	55
	7.3 01/23/2013 08:04:11 AM	BitTorrent 7.7.3	71.193.145.87	54
	.3 01/23/2013 02:07:28 PM	BitTorrent 7.7.3	24.17.51.7	53
	01/24/2013 06:57:26 AM	Vuze 4.5.0.4	71.227.231.123	52
	01/24/2013 09:54:11 PM	Vuze 4.8.0.0	67.160.93.112	51
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 King County Lib	1.8.0 01/26/2013 12:26:56 AM	μTorrent Mac	206.188.60.100	50
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23	01/26/2013 01:08:11 AM	Vuze 4.8.1.2	24.19.30.62	49
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	01/26/2013 05:55:49 PM	Vuze 4.8.1.2	48 24.17.7.130	48
01/27/2013 12:27:19 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Kent		μTorrent 3.2.3	24.17.119.206	47
01/27/2013 09:49:49 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Vancouver	(Beta)	μTorrent 3.3.0	24.20.104.179	46
01/27/2013 11:29:41 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Everett		μTorrent 3.2.2	67.182.155.63	45
SHA1: 4C55A9C583CDC44	3 01/27/2013 10:48:58 PM	μTorrent 3.2	76.104.140.39	44
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	01/27/2013 11:37:21 PM	Vuze 4.8.0.0	50.135.160.57	43
	3 01/28/2013 08:30:56 AM	μTorrent 3.2.3	75.164.167.26	42
	3 01/29/2013 03:09:44 AM	μTorrent 3.2.3	76.22.27.2	41
	3 01/30/2013 06:17:44 AM	μTorrent 3.2.3	40 24.19.126.124	4
SHA1: 4C55A9C583CDC44	3 01/30/2013 07:39:47 PM	μTorrent 3.2.3	39 98.125.195.189	ین
SHA1: 4C55A9C583CDC44	8.33.0 01/30/2013 09:48:35 PM	BitTornado 18.33.0	38 50.47.255.122	32
SHA1: 4C55A9C583CDC44	2.51 01/31/2013 03:16:11 AM	Transmission 2.51	98.125.170.191	37
01/31/2013 07:48:08 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Renton		μTorrent 3.2.3	24.16.227.247	36
01/31/2013 08:13:26 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Maple Valley		μTorrent Mac 1.8.0	24.19.236.24	35

[24.93.24.41]	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	38	85	8	83	82	81	80	79	78	77	76	7:	7,	7:	7.	7:	7(
rent 3.2.3 rent 3.2.3 rent 3.2.0 rent 1.6.1 rent 3.2.0 rent 3.2.3 rent 3.1.3 rent 3.2.3		_	+		67.40.248.34	67.170.35.124	24.16.95.206			_	_	+		-				76.121.180.18	66.235.28.81	174.25.126.102	204.195.52.3		_					98.246.239.73	98.237.145.198	71.231.76.5	4 67.168.82.19	71.197.248.35	24.17.152.137	1 24.19.242.124	24.19.20.244
	μTorrent 3.2.3	μTorrent 3.2.3	2.1.8.	Vuze 4.8.1.2	μTorrent 3.2.3	Deluge 2.2.1.0	μTorrent 3.2.3	Miro 5.0.0.0	BitTorrent 7.7.0	μTorrent 3.1.3	Vuze 4.8.1.2		μTorrent 3.2.1	μTorrent 3.2.3	12	Vuze 4.8.1.2	-UM15130	μTorrent 3.2.3	BitTorrent 7.7.0	BitComet 1.29	μTorrent 3.1.3	μTorrent 3.2.3	μTorrent 3.2.3	Vuze 4.8.1.2	μTorrent 3.2.3	BitTorrent 7.5.0	BitTorrent 6.3.0	Vuze 4.8.0.0	μTorrent 3.1.3	μTorrent 3.2.3	μTorrent 1.6.1	μTorrent 3.2.0	libtorrent (Rasterbar) 0.15	μTorrent 3.2.3	μTorrent 3.2.3
SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Tac SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Mo	01/05/2013 08:21:44 AM			01/06/2013 12:18:44 AM	01/06/2013 02:08:02 AM	01/06/2013 05:42:29 AM	01/06/2013 09:18:51 AM	01/07/2013 03:01:37 AM	01/07/2013 03:43:39 AM	01/07/2013 05:56:56 AM	01/07/2013 06:29:40 AM	01/07/2013 10:41:06 PM	01/07/2013 11:20:02 PM	01/08/2013 02:33:48 AM	01/08/2013 03:25:09 AM	01/08/2013 05:06:42 AM	01/08/2013 02:12:09 PM	01/08/2013 05:02:39 PM	01/08/2013 08:48:47 PM	01/09/2013 04:20:21 AM	01/09/2013 06:04:41 AM	01/09/2013 06:27:32 AM	01/09/2013 03:02:07 PM	01/09/2013 05:00:10 PM	01/10/2013 10:03:01 PM	01/10/2013 10:26:15 PM	01/11/2013 04:58:34 AM	01/11/2013 10:35:00 PM	01/12/2013 12:44:32 AM	01/12/2013 06:27:38 PM	01/12/2013 09:30:44 PM	01/13/2013 06:55:26 PM	_	01/14/2013 07:21:08 AM	01/15/2013 04:59:20 AM
HET HET FT GT HET FT FT FT FT FT FT FT	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	SHA1: 4C55A9C583CDC447A1	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olym			SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seatt	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olym	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Aber	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Frontier Comm Evere	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bellin	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Span		SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable				SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable		SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Century Link Vancouver	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Wave Broadbar Pouls	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Wave BroadbarSequ					SHA1: 4C55A9C583CDC447A	-			SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable		SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bellii	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Mou	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Taco

The Thompsons

r Comm Bothell	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Frontier Comm Bothell	12/23/2012 03:26:36 PM	μTorrent 3.2.1	50.46.241.181	139
st Cable Tacoma	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/24/2012 03:32:25 AM	BitComet 1.32	24.19.85.76	138
yTel Inte Vashon	SHA1: 4C55A9C583CDC44	12/26/2012 07:27:33 PM	Vuze 4.8.1.2	137 174.125.110.44	137
st Cable Tacoma	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/27/2012 10:34:29 PM	μTorrent 3.2.2	136 67.185.10.103	136
yTel Inte Gig Harbor	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 CenturyTel Inte Gig Harbor	12/29/2012 01:20:54 AM	Vuze 4.8.1.2	135 98.125.220.161	135
st Cable Puyallup		12/29/2012 02:35:32 AM	BitComet 1.28	24.19.138.81	134
yTel Inte Gig Harbor	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 CenturyTel Inte Gig Harbor	12/31/2012 06:44:37 AM	Vuze 4.8.1.2	207.118.12.213	133
y Link Seattle		12/31/2012 09:04:14 AM	Vuze 4.8.1.2	97.126.113.110	132
y Link Seattle	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Century Link	12/31/2012 10:29:52 PM	Vuze 4.8.1.2	71.217.77.52	131
yTel Inte Vashon	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 CenturyTel Inte Vashon	01/01/2013 12:25:48 AM	Vuze 4.8.1.2	130 184.157.245.85	130
ㅎ		01/01/2013 08:24:45 AM	BitTorrent 7.7.2	129 173.208.33.189	129
y Link Vancouver		01/01/2013 03:04:42 PM	BitTorrent 7.7.0	128 67.5.201.160	128
y Link Auburn	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Century Link	01/01/2013 03:06:18 PM	Vuze 4.8.1.2	127 75.172.12.97	127
yTel Inte Gig Harbor		01/01/2013 03:39:42 PM	Vuze 4.8.1.2	126 98.125.195.96	126
st Cable Kirkland		01/01/2013 10:05:29 PM	BitTorrent 7.6.1	125 50.135.163.75	125
st Cable Bremerton	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bremerton	01/01/2013 11:53:04 PM	μTorrent 3.1.3	76.121.88.141	124
y Link Shelton		01/02/2013 12:27:56 AM	μTorrent 2.2.1	97.113.4.22	123
yTel inte Elma		01/02/2013 01:20:21 AM	Deluge 2.2.1.0	207.118.81.151	122
st Cable Seattle		01/02/2013 01:24:18 AM	Vuze 4.8.0.0	71.227.254.226	121
st Cable Poulsbo		01/02/2013 02:50:26 AM	Transmission 2.75	67.170.44.96	120
3roadbar Bremerton	SHA1: 4C55A9C583CDC44	01/02/2013 08:34:39 AM	Vuze 4.8.1.2	24.113.45.10	119
3roadbar La Conner	SHA1: 4C55A9C583CDC44	01/02/2013 07:32:21 PM	μTorrent 3.1.2	118 24.113.14.19	118
st Cable Seattle	01/03/2013 03:21:01 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	01/03/2013 03:21:01 AM	qBittorrent 3.0.6	117 24.17.1.177	117
st Cable Bellingham	01/03/2013 04:35:52 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bellingham	01/03/2013 04:35:52 AM	Deluge 1.2.0.0	116 50.149.90.100	116
st Cable Mount Vernon	01/03/2013 05:51:03 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Mount Vernon	01/03/2013 05:51:03 AM	μTorrent 3.1.3	67.160.74.106	115
st Cable Tacoma	01/03/2013 07:33:40 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Tacoma	01/03/2013 07:33:40 AM	μTorrent 3.2.3	98.203.177.149	114
st Cable Vancouver	SHA1: 4C55A9C583CDC44	01/03/2013 10:39:53 AM	μTorrent 3.2.3	71.193.240.42	113
y Link Tacoma	SHA1: 4C55A9C583CDC44	01/03/2013 02:10:51 PM	BitTorrent 7.1.0	71.212.37.92	112
3roadbar Port Orchard	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Wave Broadbar Port Orchard	5.01/03/2013 02:52:05 PM	libtorrent (Rasterbar) 0.15	204.195.49.207	111
st Cable Tacoma	SHA1: 4C55A9C583CDC44	01/03/2013 10:34:45 PM	Deluge 2.1.0.0	71.227.196.112	110
st Cable Everett	SHA1: 4C55A9C583CDC44	01/04/2013 02:30:21 AM	BitTorrent 7.7.0	24.17.86.55	109
st Cable Marysville	SHA1: 4C55A9C583CDC44	01/04/2013 11:10:52 PM	μTorrent 3.2.3	108 67.183.44.5	108
st Cable Marysville	SHA1: 4C55A9C583CDC44	01/05/2013 12:13:18 AM	Vuze 4.8.0.0	107 67.183.46.10	107
Telecon Seattle	SHA1: 4C55A9C583CDC44	01/05/2013 05:00:36 AM	μTorrent 3.2.3	106 67.50.196.242	106
st Cable Mount Vernon	01/05/2013 06:56:34 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Mount Vernon	01/05/2013 06:56:34 AM	μTorrent 3.2.3	76.121.195.252	105

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174 98.247.130.192	173 76.121.78.254	172 71.217.81.114	171 24.20.100.147	170 71.59.178.6	169 24.18.148.206	168 76.104.147.141	167 174.25.118.238	166 67.183.177.36	165 24.16.37.54	164 67.183.147.220	163 50.135.62.91	162 24.17.21.100	161 67.183.143.213	160 50.47.177.252	159 24.18.177.38	158 98.237.146.217	157 98.225.17.45	156 67.183.128.159	155 67.160.64.225	154 50.137.160.87	153 24.17.26.213	152 98.247.54.209	151 24.18.32.21	150 71.227.226.90	149 97.113.109.105	148 67.168.9.144	147 23.19.33.195	146 76.121.66.49	145 24.17.249.208	144 67.171.20.203	143 50.135.237.228	142 67.170.90.251	141 24.143.96.223	140 76.121.66.49
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μTorrent 3.2.0	BitTorrent 7.7.2	BitTorrent 6.4.0	BitTorrent 7.7.0	μTorrent 3.2.3	μTorrent 3.2.3	μTorrent 3.2.3	μTorrent 3.2.3	μTorrent 3.2.3	μTorrent 3.2.3	Vuze 4.8.1.2	μTorrent 3.2.3	BitTorrent 7.7.3	μTorrent 3.2.2	Vuze 4.8.0.0	libtorrent (Rasterbar) 0.16	μTorrent 3.0.0	Vuze 4.8.0.0	BitTorrent 7.2.1	BitTorrent 7.7.2	Vuze 4.5.0.4	BitTorrent 7.7.2	BitComet 1.29	μTorrent 3.2.3	Vuze 4.8.0.0	otorrent (Ras	Vuze 4.8.0.0	μTorrent 3.1.2	BitTorrent 7.6.1	BitComet 1.29	μTorrent 3.2.1	Vuze 4.8.0.0	μTorrent 3.2.3	μTorrent 3.2.3	BitTorrent 7.7.2
																									terbar) 0.14.									
01/05/2013 11:13:50 PM	01/08/2013 07:57:58 PM	01/08/2013 08:04:46 PM	01/14/2013 08:28:55 AM	01/17/2013 05:17:43 AM	01/22/2013 (01/24/2013 (01/24/2013 (02/03/2013 09:07:10 PM	02/04/2013 10:35:03 PM	02/05/2013 11:31:24 PM	02/06/2013 06:02:53 AM	02/09/2013 10:46:56 PM	12/02/2012 (12/02/2012 (12/02/2012 09:48:22 PM	12/03/2012 09:20:39 AM	12/05/2012 10:48:33 PM	12/08/2012 11:55:11 PM	12/12/2012 02:00:14 AM	12/12/2012 06:07:33 AM	12/12/2012 08:07:02 AM	12/12/2012	12/12/2012 (12/15/2012 (12/17/2012 :	12/19/2012 (12/20/2012	12/21/2012 (12/21/2012 04:37:47 AM	12/21/2012 :	12/22/2012 (12/22/2012 (12/23/2012	12/23/2012
1:13:50 PM)7:57:58 PM)8:04:46 PM)8:28:55 AM)5:17:43 AM)6:38:45 AM)2:25:39 AM)5:02:59 AM)9:07:10 PM	L0:35:03 PM	L1:31:24 PM)6:02:53 AM	L0:46:56 PM)2:47:22 AM)6:26:10 PM			L0:48:33 PM	L1:55:11 PM)2:00:14 AM)6:07:33 AM)8:07:02 AM	11:02:56 AM)9:08:19 PM)1:26:28 PM	12:43:56 AM	12/19/2012 05:15:52 PM	12/20/2012 10:57:54 AM	12/21/2012 03:42:55 AM)4:37:47 AM	12/21/2012 10:55:14 PM)3:11:59 AM)8:54:37 AM	12:27:57 PM	02:01:03 PM
SHA1: 88144855EEC090	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	01/22/2013 06:38:45 AM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	01/24/2013 02:25:39 AM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	01/24/2013 05:02:59 AM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	SHA1: 88144855EEC090	SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	12/02/2012 02:47:22 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/02/2012 06:26:10 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Frontier Comm Marysville	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Everett	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bellevue	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olympia	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Everett	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Vancouver	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/12/2012 11:02:56 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/12/2012 09:08:19 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Auburn	12/15/2012 01:26:28 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Lacey	libtorrent (Rasterbar) 0.14 12/17/2012 12:43:56 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Century Link	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olympia	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Nobis Technold Seattle	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable	12/22/2012 03:11:59 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Bothell	12/22/2012 08:54:37 AM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Olympia	12/23/2012 12:27:57 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Broadstripe	12/23/2012 02:01:03 PM SHA1: 4C55A9C583CDC447A14CF245BBD9C1F3AAA30C23 Comcast Cable Seattle
355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	355EEC090F9	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC447	9C583CDC44	9C583CDC44	9C583CDC44	9C583CDC44	9C583CDC44:
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F98A93D85547BD540A8EF50716	3D540A8EF50	3D540A8EF50	3D540A8EF50	3D540A8EF50	3D540A8EF5C	3D540A8EF50	3D540A8EF50	3D540A8EF50	3D540A8EF50	3D540A8EF50	F98A93D85547BD540A8EF50716	3D540A8EF50	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3	D9C1F3AAA3
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Seattle	Lakewood	Bellevue	Vancouver	Longview	Gig Harbor	Seattle	Vancouver	Auburn	Seattle	Bothell	Auburn	Kent	Seattle	Marysville	Seattle	Everett	Bellevue	Olympia	Everett	Vancouver	Tacoma	Federal Way	Auburn	Lacey	Seattle	Olympia	Seattle	Seattle	Tacoma	Federal Way	Bothell	Olympia	Seattle	Seattle

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175 67.171.248.67	BitTorrent 7.7.3	01/05/2013 10:33:01 PM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716	Comcast Cable Vancouver	Vancouver
176 98.232.113.31	μTorrent 3.2.3	01/04/2013 09:34:01 PM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716 Comcast Cable Puyallup	Comcast Cable	Puyallup
177 50.54.129.151	-BA3300-	01/02/2013 04:16:40 PM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716 Frontier Comm Oak Harbor	Frontier Comm	Oak Harbor
178 24.18.217.202	Vuze 4.8.0.0	12/19/2012 02:08:30 AM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716 Comcast Cable Seattle	Comcast Cable	Seattle
179 71.59.170.57	μTorrent 3.1.3	12/17/2012 12:54:51 AM SHA1: 88144855EEC090F98A93D85547BD540A8EF50716 Comcast Cable Longview	Comcast Cable	Longview
180 67.160.51.143	μTorrent 3.1.3	03/01/2013 07:19:56 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Kent	Comcast Cable	Kent
181 67.170.66.19	BitTorrent 7.7.0	03/01/2013 03:19:18 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Comcast Cable Renton	Renton
182 67.183.37.113	μTorrent 3.1.3	02/02/2013 07:54:43 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Renton	Comcast Cable	Renton
183 98.232.83.236	BitTorrent 7.7.3	01/28/2013 08:54:40 PM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Comcast Cable Aberdeen	Aberdeen
184 24.113.57.59	μTorrent 3.2.1	01/25/2013 09:01:08 PM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Wave Broadbar Bremerton	Bremerton
185 98.125.186.193	μTorrent 3.2.3	01/22/2013 07:29:30 PM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	CenturyTel Inte Vashon	Vashon
186 66.212.64.252	μTorrent 1.7.5	01/10/2013 03:00:22 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Seattle Public L Seattle	Seattle
187 174.253.212.12	μTorrent 2.2.1	01/07/2013 08:43:10 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Verizon Wirele Orting	Verizon Wireles	Orting
188 24.17.139.171	μTorrent 2.2.1	01/06/2013 02:36:39 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Olympia	Comcast Cable	Olympia
189 67.185.167.115	BitTorrent 7.7.0	01/04/2013 05:43:39 PM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Marysville	Comcast Cable	Marysville
190 174.25.94.213	μTorrent 3.2.3	01/02/2013 03:07:14 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Century Link	Vancouver
191 204.195.16.83	μTorrent 3.2.2	12/31/2012 04:16:53 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4	Wave Broadbar Arlington	Arlington
192 76.121.242.219	μTorrent 3.1.3	12/26/2012 06:35:04 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Auburn	Comcast Cable /	Auburn
193 67.183.147.13	Vuze 4.7.2.0	12/26/2012 12:20:20 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Bothell	Comcast Cable	Bothell
194 98.203.236.222	μTorrent 3.2.1	12/25/2012 04:35:30 AM SHA1: E9B2E49113086845E0F92FC5B06D2CFAE44731D4 Comcast Cable Auburn	Comcast Cable	Auburn